

**AN APPARATUS, SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT  
FOR RELIABLE MULTICAST TRANSPORT OF DATA PACKETS**

**ABSTRACT**

An apparatus, system method, and computer program product that combine the attributes of ALC and NORM for communicating data between devices on a network. A sending device uses multiple data rates on different channels to reliably send data packets and receivers use NACKs to request retransmission of missing or mangled data from the sending device or other receiving devices on the network. The sending device using an active ALC mechanism and the receiving devices use NACK and transmitting mechanisms for transmitting acknowledgements or data from the device. The sending and receiving devices can be located in the same or in different networks for communicating data packets during a data transmission session.